Appendix F Vacuum Truck Operation Checklist

A.	Contact Information
	Date: 10-10-15tart Time: 17 Expected Duration of Loading (hours):
	Driver Name/Company:
	Generating Dept Operator Name/Unit:Radio/Phone #
в.	Material Information Buy CE PAD Material Name: Source of Material (tank or vessel number)
	Estimated Quantity (bbls or gallons) 2500 MSDS Available for Driver Yes No
	Does material have >90% water? Yes \(\text{No } \text{A} \)
	Oil%, Solids%, Water%
	Other (e.g., DEA, Sulfinol, Acid/Caustic)% Material pH (if available)
c.	Loading Method: Select one - Confirm method with Driver Gravity Positive Displacement (PD) Pump * Vacuum Vacuum
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank): Truck-Mounted Roper PD (for pumps built into truck)
	☐ If separate from truck (e,g. Wildon pump) indicate pump size:
	☐ If neither of the above, indicate the make/model:
D.	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha, recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
	Loading Regulated Material? Yes No Using Vacuum? Yes No No
	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
ī	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY:
	Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
	Make/Model of Control Equipment:
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
	Is Fugem Contractor at truck prior to start of loading: Yes□ No □
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes ☐ No ☐
	Additional Precautions for loading Regulated Material:

E. Pre	çautions:
· Z-	Determine the last material hauled (including residual material).
	Washed (Was the truck washed between loads?)
	Compatibility – What is in the truck? If not known, see the STL.
لـــا	Is the job in close proximity with other work (hotwork, entries, etc.)? Yes No A Commonweal Research No A Commonweal Res
	Issue permit to the Vacuum Truck Driver performing the work.
才	Face shield and rubber jacket/plastic rain gear must be worn in addition to normal PPE when connecting
F_/	or disconnecting the hose:
	Hose connections have "O-ring" gaskets and the "ears" are secured (using wire, duct tape or some other method).
\square	Ohmmeter used to ensure that the vacuum truck and hoses are grounded/bonded.
· [_]	If flammable, or if there is a concern about light ends, a positive displacement pump is to be used or gravitate.
	Carbon canisters can be used for odor control only when using PD pumps, not vacuum operation. JSA was completed, be aware of noise sensitive areas (<u>JSA</u> for off-site areas).
Z	
F. Disc	charge Approval
Ļ	Unit STL's permission required when off-loading inside an operating unit. (Check the box to indicate the approval was obtained.)
	For loads that are off-loaded at a unit (Frac or Baker tanks used for Maintenance or T/A),
	The system must be MOC'd and the tanks permitted (BAAQMD req.) before the truck can off-load
لــا	Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was obtained.)
	Discharge to ETP or Recovered Oil – Approved by:(See list below.)
•	
G. Direc	cted to:
	Unit/Vessel, Other YAD
	Recovered Oil Tanks, TK-1146 or TK-1147
닠	Process Water Tanks, TK-13187 or TK-13188 Recovered Oil Tank at ETP, TK-1063
L[Diversions Tanks at ETP, TK-12519 or TK-12520
L J	
•	
Receiving	Unit Operator Name: ANDRES ESCOBEDO
Operator	Signature: <u>Analys</u> Escobedo
,	Questions Concerning Logistics Destinations – Call:
	Phone Radio Unit

	Phone	Radio	Unit
Environmental Operator	3044	A-8 Log	460
ETP Operator	3202	A-8 Log	191
ETP OS	3258	A-8 Log	355
Hazardous Waste Coordinator	3329	·	
Logistics STL	3393/3762	A-8 Log	129
OS - 3659 OS - 3731	OSE - 3141		

	A.	Contact Information
		Date: 07-11-14 Start Time: 0550 Expected Duration of Loading (hours):
		Driver Name/Company: Stephen Turnes / PSC
		Generating Dept Operator Name/Unit:Radio/Phone #
	В.	Material Information Material Name: 014 Water Source of Material (tank or vessel number) 1 k 485
		Estimated Quantity (bbls or gallons) 30 BBL MSDS Available for Driver Yes No
		Does material have >90% water? Yes \(\subseteq \text{No } \subseteq \)
RE .		Oil 5%, Solids 6%, Water 95% %
		Other (e.g., DEA, Sulfinol, Acid/Caustic)% Material pH (if available)
	c.	Loading Method: Select one - Confirm method with Driver
	Ċ.	Gravity Positive Displacement (PD) Pump * Vacuum
		*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank):
		☐ Truck-Mounted Roper PD (for pumps built into truck)
		☐ If separate from truck (e,g. Wildon pump) indicate pump size:
		☐ If neither of the above, indicate the make/model:
	D	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	٠.	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha,
•		recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
		Loading Regulated Material? Yes No Using Vacuum? Yes No
		STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
	Г	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY: Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
		Make/Model of Control Equipment:
		Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
		Is Fugem Contractor at truck prior to start of loading: Yes□. No □
		Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes \square No \square
	1	Additional Precautions for loading Regulated Material:



E.	Precautions:					
7	Determine the last material hauled (including residual material). Washed (Was the truck washed between loads?) Compatibility – What is in the truck? If not known, see the STL. Is the job in close proximity with other work (hotwork, entries, etc.)? Yes No Gas test the area – keep area free of vapors while operating the vacuum truck. Issue permit to the Vacuum Truck Driver performing the work. Face shield and rubber jacket/plastic rain gear must be worn in addition to normal PPE when connecting or disconnecting the hose: Hose connections have "O-ring" gaskets and the "ears" are secured (using wire, duct tape or some other method). Ohmmeter used to ensure that the vacuum truck and hoses are grounded/bonded. If flammable, or if there is a concern about light ends, a positive displacement pump is to be used or gravitate. Carbon canisters can be used for odor control only when using PD pumps, not vacuum operation. JSA was completed, be aware of noise sensitive areas (JSA for off-site areas).					
F.	Discharge Approval					
• •	Unit STL's permission required when off-loading inside an operating unit. (Check the box to indicate that					
	approval was obtained.)					
	For loads that are off-loaded at a unit (Frac or Baker tanks used for Maintenance or T/A), The system must be MOC'd and the tanks permitted (BAAQMD reg.) before the truck can off-load					
•	Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was					
	obtained.)					
	Discharge to ETP or Recovered Oil – Approved by:(See list below.)					
G.	Directed to: Unit/Vessel, Other					
	Recovered Oil Tanks, TK-1146 or TK-1147					
	Process Water Tanks, TK-13187 or TK-13188					
	Recovered Oil Tank at ETP, TK-1063					
	Diversions Tanks at ETP, TK-12519 or TK-12520					
Rec	eiving Unit Operator Name:					
Ope	rator Signature:					
	Questions Concerning Logistics Destinations - Call:					
	Phone Radio Unit					
	Environmental Operator 3044 A-8 Log 460					
	ETP Operator 3202 A-8 Log 191					
	ETP OS 3258 A-8 Log 355					
	Hazardous Waste Coordinator 3329					
	Logistics STL 3393/3762 A-8 Log 129					

OSE - 3141

OS.-- 3731

OS - 3659

A.	Contact Information
	Date: 8 13-14 Start Time: 6730 Expected Duration of Loading (hours):
	Driver Name/Company: JACK PSC
	Generating Dept Operator Name/Unit:Radio/Phone #
D	Material Information
В,	Material Name: Source of Material (tank or vessel number) 132
	Estimated Quantity (bbls or gallons) MSDS Available for Driver Yes No
	Door material have 200% water? Vec \ No \
	Oil
	Other (e.g., DEA, Sulfinol, Acid/Caustic) % Material pH (if available)
c.	Loading Method: Select one - Confirm method with Driver
	Gravity Positive Displacement (PD) Pump * Vacuum
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank):
	☐ Truck-Mounted Roper PD (for pumps built into truck)
	☐ If separate from truck (e.g. Wildon pump) indicate pump size:
	☐ If neither of the above, indicate the make/model:
D.	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha, recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
	Loading Regulated Material? Yes No Using Vacuum? Yes No
	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
Г	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY:
	Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
	Make/Model of Control Equipment:
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
	Is Fugem Contractor at truck prior to start of loading: Yes□. No □
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes No
	Additional Precautions for loading Regulated Material:

E.	Preca	autions:						
•		Determine the last material hauled (inclu						
/		Washed (Was the truck washed between	•					
		Compatibility – What is in the truck? If n						
		Is the job in close proximity with other we	•	•	□ No₂□			
	□ →'	Gas test the area - keep area free of va		vacuum truc	k.			
.ed		Issue permit to the Vacuum Truck Driver						
•		Face shield and rubber jacket/plastic rail or disconnecting the hose:	n gear must be worn in a	addition to no	ırmaı PPE whe	n connecting		
		Hose connections have "O-ring" gaskets	and the "ears" are secu	ired (usina w	ire duct tane d	enma ntha		
e e e e e e e e e e e e e e e e e e e	ر التصام	method).	and the cars are seed	· ·	no, adol tape c	n some ome		
		Ohmmeter used to ensure that the vacua	ım truck and hoses are	grounded/bo	ndeď.	•		
-		If flammable, or if there is a concern abo				used or		
	_	gravitate.						
		Carbon canisters can be used for odor o				ration.		
_	كسار	JSA was completed, be aware of noise s	ensitive areas (<u>JSA</u> for	off-site areas	6).			
_				-	; ,			
F.	Disch	arge Approval	**					
		Unit STL's permission required when off-	loading inside an opera	ting unit. (Ci	heck the box to	indicate tha		
		approval was obtained.)		£8 <i>6</i> -1-4				
	<u></u>	For loads that are off-loaded at a unit (Fr			•	EC I a send		
		The system must be MOC'd and the tanks permitted (BAAQMD req.) before the truck can off-load						
		Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was obtained.)						
		Discharge to ETP or Recovered Oil – Ap	nroved hv		_(See list belo	\		
	<u> </u>	Choolings to E11 of 1 todovoice of 7/p	provou by.		(000 1131 15010			
		·						
G.	Direct	ted to:						
		Unit/Vessel, Other		•				
	=	Recovered Oil Tanks, TK-1146 or TK-114				j.		
		Process Water Tanks, TK-13187 or TK-1	3188		-			
	******	Recovered Oil Tank at ETP, TK-1063						
		Diversions Tanks at ETP, TK-12519 or T	K-12520					
.		uin di da	es Escobe	1				
Rec	eiving	Unit Operator Name: <u>Apd /</u>	CO ASCON	2000				
Ope	rator S	ignature:		•				
•		•						
		Questions Concerni	ng Logistics Destinati	<u>ons – Call:</u>				
		·	Phone	Radio	Unit			
		Environmental Operator	3044	A-8 Log	460			
		ETP Operator	3202	A-8 Log	191			
		ETP OS	3258	A-8 Log	355			
		 Hazardous Waste Coordina 	tor 3329					
		Logistics STL	3393/3762	A-8 Log	129			

OSE - 3141

OS -- 3731

OS - 3659

Α.	Contact Information
	Date: 12-10-14 Start Time: 22-130 Expected Duration of Loading (hours): 10
	Driver Name/Company: PS Troin Poisches 17
	Generating Dept Operator Name/Unit: ANTICETA Radio/Phone # 3262
В.	Material Information
₽.	Material Name: Waster / Or C Source of Material (tank or vessel number) / MCE Stob
	Estimated Quantity (bbls or gallons) ANDS Available for Driver Yes No
	Does material have >90% water? Yes ☑ No ☐
	Oil 5 %, Solids %, Water 95 %
	Other (e.g., DEA, Sulfinol, Acid/Caustic)% Material pH (if available)
^	London Middle Colon on Consum with during Decima
C.	Loading Method: Select one - Confirm method with Driver Gravity Positive Displacement (PD) Pump * Vacuum * Vac
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank):
	☐ Truck-Mounted Roper PD (for pumps built into truck)
	☐ If separate from truck (e,g. Wildon pump) indicate pump size:
	☐ If neither of the above, indicate the make/model:
D,	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha, recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
	Loading Regulated Material? Yes No Using Vacuum? Yes No
	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY:
Γ	Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
	Make/Model of Control Equipment:
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
	Is Fugem Contractor at truck prior to start of loading: Yes□. No □
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes \Box No \Box
	Additional Precautions for loading Regulated Material:

E.	Precautions:
	Determine the last material hauled (including residual material). Washed (Was the truck washed between loads?) Compatibility – What is in the truck? If not known, see the STL. Is the job in close proximity with other work (hotwork, entries, etc.)? Yes No Gas test the area – keep area free of vapors while operating the vacuum truck. Issue permit to the Vacuum Truck Driver performing the work. Face shield and rubber jacket/plastic rain gear must be worn in addition to normal PPE when connecting or disconnecting the hose: Hose connections have "O-ring" gaskets and the "ears" are secured (using wire, duct tape or some other method). Ohmmeter used to ensure that the vacuum truck and hoses are grounded/bonded. If flammable, or if there is a concern about light ends, a positive displacement pump is to be used or gravitate. Carbon canisters can be used for odor control only when using PD pumps, not vacuum operation. JSA was completed, be aware of noise sensitive areas (JSA for off-site areas).
F.	Discharge Approval
	Unit STL's permission required when off-loading inside an operating unit. (Check the box to indicate that
	approval was obtained.)
	For loads that are off-loaded at a unit (Frac or Baker tanks used for Maintenance or T/A), The system must be MOC'd and the tanks permitted (BAAQMD req.) before the truck can off-load
•	Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was
	obtained.)
	Discharge to ETP or Recovered Oil – Approved by:(See list below.)
_	
G.	
	Unit/Vessel, Other Recovered Oil Tanks, TK-1146 or TK-1147
	Process Water Tanks, TK-13187 or TK-13188
	Recovered Oil Tank at ETP, TK-1063
	Diversions Tanks at ETP, TK-12519 or TK-12520
	·
Red	ceiving Unit Operator Name:
α	
Ope	erator Signature:
Ope	Questions Concerning Logistics Destinations - Call:
Ope	Questions Concerning Logistics Destinations - Call:
Ope	Questions Concerning Logistics Destinations - Call: Phone Radio Unit
Орє	Questions Concerning Logistics Destinations - Call: Phone Radio Unit
Орє	Questions Concerning Logistics Destinations – Call: Phone Radio Unit Environmental Operator 3044 A-8 Log 460
Орє	Questions Concerning Logistics Destinations – Call: Phone Radio Unit Environmental Operator 3044 A-8 Log 460 ETP Operator 3202 A-8 Log 191
Орє	Questions Concerning Logistics Destinations – Call: Phone Radio Unit Environmental Operator 3044 A-8 Log 460 ETP Operator 3202 A-8 Log 191 ETP OS 3258 A-8 Log 355

12Rmit# 1967402

VACUUM TRUCK OPERATION CHECKLIST

-	0.01/14:01
A.	Contact Information
	Date: 12-11-14 Start Time: 22/30 Expected Duration of Loading (hours): 10
	Driver Name/Company: PSC/Tom Dousherty
	Generating Dept Operator Name/Unit: 479/WTP. Radio/Phone # 4-8
В.	Material Information
	Material Name: Wister 1012 Source of Material (tank or vessel number) Little Stoke
	Estimated Quantity (bbls or gallons) 6988 MSDS Available for Driver Yes 1 No 1
	Does material have >90% water? Yes ☑ No ☐
	Oil
	Other (e.g., DEA, Sulfinol, Acid/Caustic) % Material pH (if available)
c.	Loading Method: Select one - Confirm method with Driver Gravity Positive Displacement (PD) Pump * Vacuum
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank): Truck-Mounted Roper PD (for pumps built into truck)
	☐ If separate from truck (e,g. Wildon pump) indicate pump size:
	☐ If neither of the above, indicate the make/model:
D.	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha, recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
	Loading Regulated Material? Yes No Using Vacuum? Yes No
	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
Γ	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY: Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
	Make/Model of Control Equipment:
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
	Is Fugem Contractor at truck prior to start of loading: Yes□. No □
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes ☐ No ☐
	Additional Precautions for loading Regulated Material:

E.	Precautions:						
	Washed (M Compatibili Is the job in Gas test the Issue permi Face shield or disconne Hose conne method). Ohmmeter If flammable gravitate. Carbon can	Vas the truck was, ty — What is in the close proximity was a area — keep are it to the Vacuum and rubber jacke citing the hose; ections have "O-ri used to ensure the o, or if there is a co isters can be use	a free of vapors variety performance of the perform	s?) bwn, see the STL. botwork, entries, etc while operating the	vacuum truc iddition to no red (<i>using</i> w grounded/bo displacemen D pumps, n	ormal PPE wherire, duct tape anded. It pump is to be of vacuum open	or some other
F.	Discharge Approv	val			•	• ,	
••	Unit STL's p		ed when off-loadir	ng inside an operat	ing unit. (C	heck the box i	o indicate that
		•	at a unit <i>(Frac or</i>	Baker tanks used i	for Maintena	nce or T/A),	
	Unit STL's a obtained.)	approval for MOC	and permits obta	mitted (BAAQMD r ined. (Check the b d by:	oox to indica		al was
_	Directed to:						
G.	Process Wa	Oil Tanks, TK-114 ter Tanks, TK-13 Oil Tank at ETP,	187 or TK-13188	520	· ·	-	
	Recovered (Process Wa Recovered (Diversions 7	Oil Tanks, TK-114 ter Tanks, TK-13 Oil Tank at ETP, ⁻ anks at ETP, TK	187 or TK-13188 TK-1063 -12519 or TK-125	20 Sun ac			
Rec	Recovered (Process Wa	Oil Tanks, TK-114 ter Tanks, TK-13 Oil Tank at ETP, ⁻ anks at ETP, TK	187 or TK-13188 TK-1063 -12519 or TK-125	izo			
Rec	Recovered (Process Wa Recovered (Diversions T	Oil Tanks, TK-114 Iter Tanks, TK-13 Oil Tank at ETP, Tanks at ETP, TK r Name:	187 or TK-13188 TK-1063 -12519 or TK-125	20 ≥ e.c. ogistics Destination	ons – Call:		
Rec	Recovered (Process Wa Recovered (Diversions T	Oil Tanks, TK-114 Iter Tanks, TK-13 Oil Tank at ETP, Tanks at ETP, TK r Name:	187 or TK-13188 TK-1063 -12519 or TK-125	zuduce m	nns – Call: Radio A-8 Log A-8 Log A-8 Log A-8 Log	Unit 460 191 355	

A.	Contact Information
	Date: 12/23/14 Start Time: 08/0 Expected Duration of Loading (hours): 8hrs Driver Name/Company: Radacy/PSC
	Driver Name/Company: Radacy/PSC
	Generating Dept Operator Name/Unit: 191 Radio/Phone # A S
в.	Material Information
	Material Name Vill Muter Source of Material (tank or vessel number) Low Point Sun
	Estimated Quantity (bbls or gallons) MSDS Available for Driver Yes No
	Does material have >90% water? Yes ☑ No ☐
	Oil 9 %, Solids %, Water 98 % Other (e.g., DEA, Sulfinol, Acid/Caustic) 6 Material pHM (if available)
	Other (e.g., DEA, Sulfinol, Acid/Caustic) / // // Material pH/ / / (if available)
c.	Loading Method: Select one - Confirm method with Driver
	Gravity ☐ Positive Displacement (PD) Pump ☐ * Vacuum ☐
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank):
	☐ Truck-Mounted Roper PD (for pumps built into truck)
	☐ If separate from truck (e,g. Wildon pump) indicate pump size:
	☐ If neither of the above, indicate the make/model:
D.	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha, recovered oil or Hydrocarbon mixture with any of these is Regulated Material.
	Loading Regulated Material? Yes No Using Vacuum? Yes No
	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor emissions and meet 500 ppm emissions limit.
Г	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY:
	Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)
	Make/Model of Control Equipment:
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.
ļ	Is Fugem Contractor at truck prior to start of loading: Yes No
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes ☐ No ☐
1	Additional Precautions for loading Regulated Material:

E.	Precautions:					
	Determine the last material hauled (including residual material). Washed (Was the truck washed between loads?) Compatibility – What is in the truck? If not known, see the STL. Is the job in close proximity with other work (hotwork, entries, etc.)? Yes No Gas test the area – keep area free of vapors while operating the vacuum truck. Issue permit to the Vacuum Truck Driver performing the work. Face shield and rubber jacket/plastic rain gear must be worn in addition to normal PPE when connecting or disconnecting the hose. Hose connections have "O-ring" gaskets and the "ears" are secured (using wire, duct tape or some other method). Ohmmeter used to ensure that the vacuum truck and hoses are grounded/bonded. If flammable, or if there is a concern about light ends, a positive displacement pump is to be used or gravitate. Carbon canisters can be used for odor control only when using PD pumps, not vacuum operation. JSA was completed, be aware of noise sensitive areas (JSA for off-site areas).					
F.	Discharge Approval					
	Unit STL's permission required when off-loading inside an operating unit. (Check the box to indicate that					
	approval was obtained.) For loads that are off-loaded at a unit (Frac or Baker tanks used for Maintenance or T/A),					
	The system must be MOC'd and the tanks permitted (BAAQMD req.) before the truck can off-load					
	Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was					
	obtained.) Discharge to ETP or Recovered Oil – Approved by:(See list below.)					
G.	Directed to: Unit/Vessel, Other Recovered Oil Tanks, TK-1146 or TK-1147 Process Water Tanks, TK-13187 or TK-13188 Recovered Oil Tank at ETP, TK-1063 Diversions Tanks at ETP, TK-12519 or TK-12520					
Rec	ceiving Unit Operator Name:					
One	erator Signature:					
	Questions Concerning Logistics Destinations - Call:					
	Phone Radio Unit					
	<u>Environmental Operator</u> 3044 A-8 Log 460 ETP Operator 3202 A-8 Log 191					
	ETP OS 3258 A-8 Log 355 Hazardous Waste Coordinator 3329					
	Logistics STL 3393/3762 A-8 Log 129					
	OS - 3659 OS - 3731 OSE - 3141					

A.	Contact Information					
	Date: 12-30-14 Start Time: 0130 Expected Duration of Loading (hours):					
	Driver Name/Company: Tesus Suran Insc					
	Generating Dept Operator Name/Unit:Radio/Phone#					
В.	Material Information					
	Material Name: Source of Material (tank or vessel number)					
	Estimated Quantity (bbls or gallons) MSDS Available for Driver Yes \(\bigcap \) No \(\Bigcap \)					
	Does material have >90% water? Yes ☐ No ☐					
	Oil%, Solids%, Water%					
	Other (e.g., DEA, Sulfinol, Acid/Caustic) % Material pH (if available)					
<u>~</u>	Loading Method: Select one - Confirm method with Driver					
U.	Gravity Positive Displacement (PD) Pump * Vacuum					
	*If Positive Displacement Pump is selected must record PD Pump Make/Model (check or fill in the blank):					
	☐ Truck-Mounted Roper PD (for pumps built into truck)					
	☐ If separate from truck (e.g. Wildon pump) indicate pump size:					
	☐ If neither of the above, indicate the make/model:					
D.	Emission Monitoring Requirements: Only Required When Loading Regulated (Light) Material by Vacuum					
	NOTE: Material with < 90% water containing gasoline, gasoline blending components, jet, naphtha,					
	recovered oil or Hydrocarbon mixture with any of these is Regulated Material.					
	Loading Regulated Material? Yes No Using Vacuum? Yes 🛱 No 🗌					
Γ	STOP: If Checked YES to both must have pre-approval. If Regulated Material is loaded by vacuum must monitor					
L	emissions and meet 500 ppm emissions limit.					
	**THIS SECTION FOR VACUUM PUMP LOADING OF REGULATED MATERIAL ONLY:					
Γ	Circle Type of Emission Control: (Carbon Cannister, Thermal Oxidizer, Liquid Scrubber, Other)					
	Make/Model of Control Equipment:					
	Fugitive Emissions Contractor must monitor emissions to confirm compliance with 500 ppm.					
	Is Fugem Contractor at truck prior to start of loading: Yes□. No □					
	Is Driver aware of Requirement to Shut Down Loading if > 500 ppm Yes No					
-	Additional Precautions for loading Regulated Material:					

E.	Prec	Precautions:						
7		Determine the last material hauled (including rest Washed (Was the truck washed between loads? Compatibility – What is in the truck? If not know is the job in close proximity with other work (hotogas test the area – keep area free of vapors which issue permit to the Vacuum Truck Driver perform Face shield and rubber jacket/plastic rain gear mor disconnecting the hose: Hose connections have "O-ring" gaskets and the method). Ohmmeter used to ensure that the vacuum truck if flammable, or if there is a concern about light egravitate. Carbon canisters can be used for odor control or JSA was completed, be aware of noise sensitive	n, see the STL. work, entries, etc. le operating the ning the work. nust be worn in a "ears" are secu and hoses are gends, a positive con	vacuum truc addition to no red (using wa grounded/bo displacement PD pumps, no	rmal PPE who ire, duct tape nded. pump is to be of vacuum ope	or some other		
	-							
F.	Disch	narge Approval						
		Unit STL's permission required when off-loading approval was obtained.)	inside an operat	ting unit. (<i>Cl</i>	neck the box t	o indicate that		
		For loads that are off-loaded at a unit (Frac or Baker tanks used for Maintenance or T/A),						
		The system must be MOC'd and the tanks permitted (BAAQMD req.) before the truck can off-load Unit STL's approval for MOC and permits obtained. (Check the box to indicate that approval was obtained.)						
	П	Discharge to ETP or Recovered Oil – Approved	Ďγ:		(See list belo	ow.)		
			,			•		
_								
G.	Direc	eted to:						
	Щ	Unit/Vessel, Other						
	님	Recovered Oil Tanks, TK-1146 or TK-1147 Process Water Tanks, TK-13187 or TK-13188		•	-	•		
	H	Recovered Oil Tank at ETP, TK-1063						
	H	Diversions Tanks at ETP, TK-12519 or TK-12520	n .					
	ш	Diversions faints at ETT, The 12010 of the 12020						
Rec	eiving	Unit Operator Name: 4 Can Can	ful	_	•			
One	erator S	Signature:						
Opc	nator t	Signature.						
		Questions Concerning Log	istics Destination	ons – Call:				
			Phone	Radio	Unit			
		Environmental Operator	3044	A-8 Log	460			
		ETP Operator	3202	A-8 Log	191			
		ETP OS	3258	A-8 Log	355			
		Hazardous Waste Coordinator	3329					
		Logistics STL	3393/3762	A-8 Log	129			

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